

the mobile station reference timing being used by the mobile station to determine a time when the block of information starts or ends.

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2. (A mended) The method in claim 1, wherein the determining step includes:
determining a difference between the base station timing and a radio network controller timing, and
determining the first reference timing adjustment based on the difference.

3. (A mended) The method in claim 2, further comprising:
comparing the difference with a threshold, and
if the difference exceeds the threshold, determining the first reference timing adjustment.

7. (A mended) The method in claim 1, wherein the mobile station is in diversity handover with a first and a second base station, further comprising:
determining a third reference timing adjustment for the second base station;
effecting a change in a reference timing of the first and second base stations based on the first and third timing adjustments; and
effecting a change in a reference timing of the mobile station during a time interval different from when the reference timing of the first or the second base station is changed.

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8. (A mended) A base station coupled to a radio network controller for communicating with a mobile station over a radio interface, comprising:
a base station reference timer for generating a reference timing used by the base station to determine a time when a block of information starts or ends; and
data processing circuitry configured to receive a timing adjustment from the radio network controller and to adjust the base station reference timer during a first time period allocated for the base station to make a reference timing adjustment different from a second time period allocated for the mobile station to make a reference timing adjustment.

9. (A mended) The base station in claim 8, wherein the base station reference timer is a frame number counter, and the data processing circuitry is configured to adjust the frame

number counter during a frame having a different number than a frame during which the mobile station may make a reference timing adjustment.

10. (*A mended*) The base station in claim 9, wherein the data processing circuitry is configured to adjust the frame number counter during one or more odd numbered frames while the mobile station may make a reference timing adjustment during one or more even numbered frames.

11. (*A mended*) The base station in claim 9, wherein the data processing circuitry is configured to adjust the frame number counter during one or more even numbered frames while the mobile station may make a reference timing adjustment during one or more odd numbered frames.

12. (*A mended*) The base station in claim 8, wherein the base station reference timer is an internal clock.

13. (*A mended*) A mobile station for communicating with a base station over a radio interface, the base station being coupled to a radio network controller, comprising:
a mobile station reference timer for generating a reference timing used by the mobile station to determine a time when a block of information starts or ends; and
data processing circuitry configured to detect a timing signal from the base station and to adjust the mobile station reference timer in response to the detected timing signal during a first time period allocated for the mobile station to make a reference timing adjustment different from a second time period allocated for the base station to make a reference timing adjustment.

14. (*A mended*) The mobile station in claim 13, wherein the mobile station reference timer is a frame number counter, and the data processing circuitry is configured to adjust the frame number counter during a frame having a different number than a frame during which the base station may make a reference timing adjustment.

15. (*A mended*) The mobile station in claim 14, wherein the data processing circuitry is